

A²

The invention has the following advantages.

1. Eliminates the stereovision-like geometric distortion caused by the current imaging method with DR systems.
2. Allows precise registration of the partial images to reconstruct a larger composite image.

In The Abstract:

Please replace the Abstract beginning on page 7, line 2 with the following rewritten Abstract.

A³

A method for acquiring an elongated radiographic image comprising: positioning an elongated object between a source of x-rays and a digital image capture device having a known imaging dimension which is less than a like dimension of the elongated object; moving the device in a direction parallel to the known imaging dimension to sequential contiguous positions to acquire a sequence of radiographic images of the elongated object; and rotating the source of x-rays about an axis perpendicular to the direction of moving the device in coordination with the moving in order to project the x-rays from the source toward the device.

In The Parts List:

Please find the following Parts List beginning on page 5, line 1, to be included in the Specification.

PARTS LIST

- 100 patient
- 101 x-ray tube and collimator
- 102 -ray coverage
- 103 screen-film
- 200 patient
- 201 x-ray tube and collimator at a first location
- 202 x-ray coverage at a first location
- 203 DR detector at a first location
- 206 x-ray tube and collimator at a second location
- 207 x-ray coverage at a second location
- 208 DR detector at a second location